

Abstract

~~Novel~~ The invention relates to a new type of expression cassettes comprising a) the
coding which, under genetic control, contain regulating nucleic acid sequences a) nucleic acid
sequence coding for 4-hydroxyphenylpyruvate dioxygenase (HPPD) or for a one of its functional
equivalent thereof; and/or b) at least one nucleic acid sequence (anti-HGD) which is capable of
inhibiting the homogentisate dioxygenase (HGD) activity; under the genetic control of regulatory
nucleic acid sequences. The invention also relates to and vectors which are suitable for
generating plants with an elevated tocopherol content, transgenic plants generated therewith, and
methods of generating transgenic plants with an elevated tocopherol content.